FIG.1

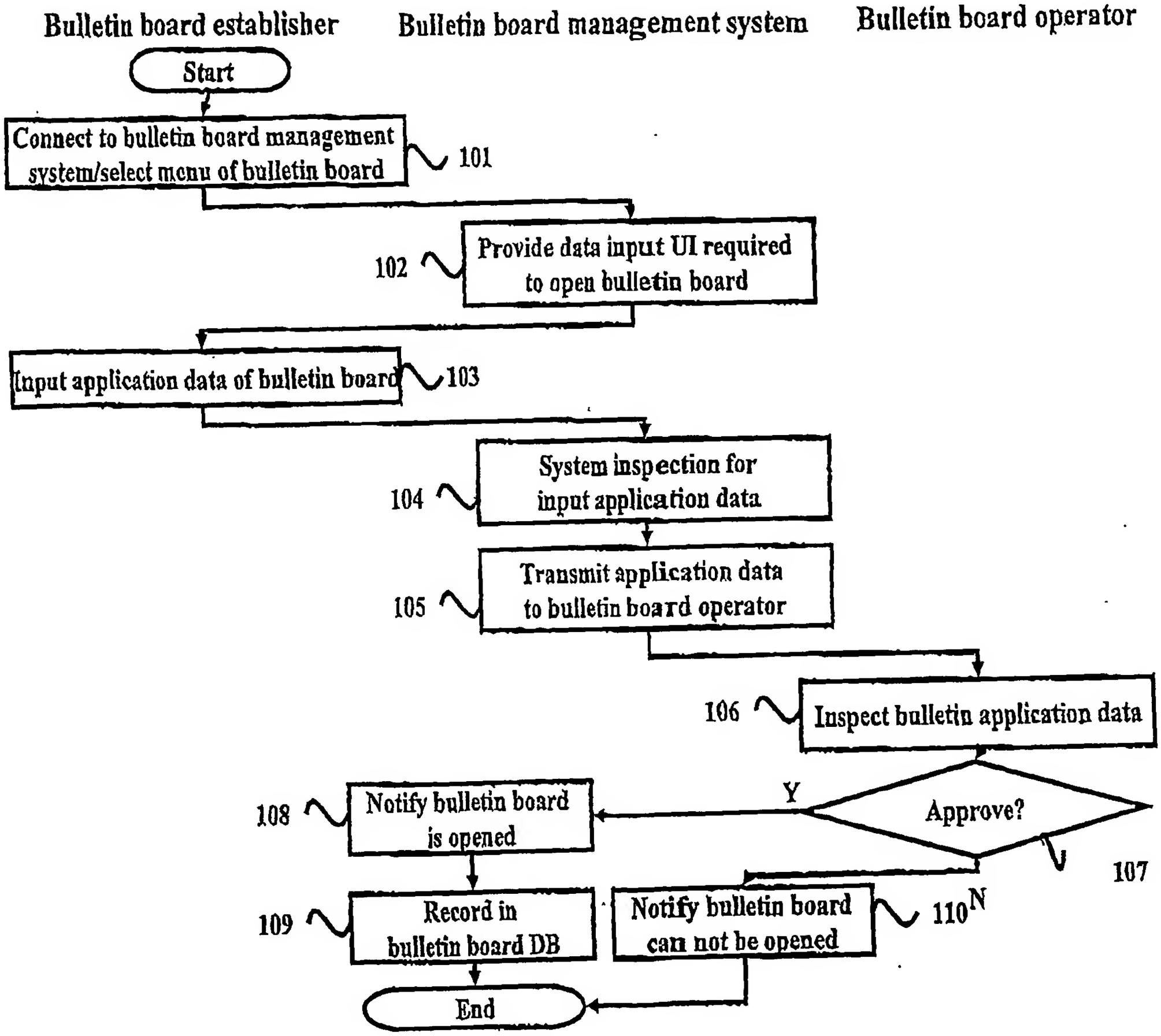

Bulletin board establisher
Bulletin board management system
Bulletin board operator
Start
Connect to bulletin board management system/select menu of bulletin board
101
Provide data input UI required to open bulletin board
102
Input application data of bulletin board
103
System inspection for input application data
104
Transmit application data to bulletin board operator
105
Inspect bulletin application data
106
Approve?
Y
N
107
Notify bulletin board is opened
108
Notify bulletin board can not be opened
110
Record in bulletin board DB
109
End

FIG. 2a

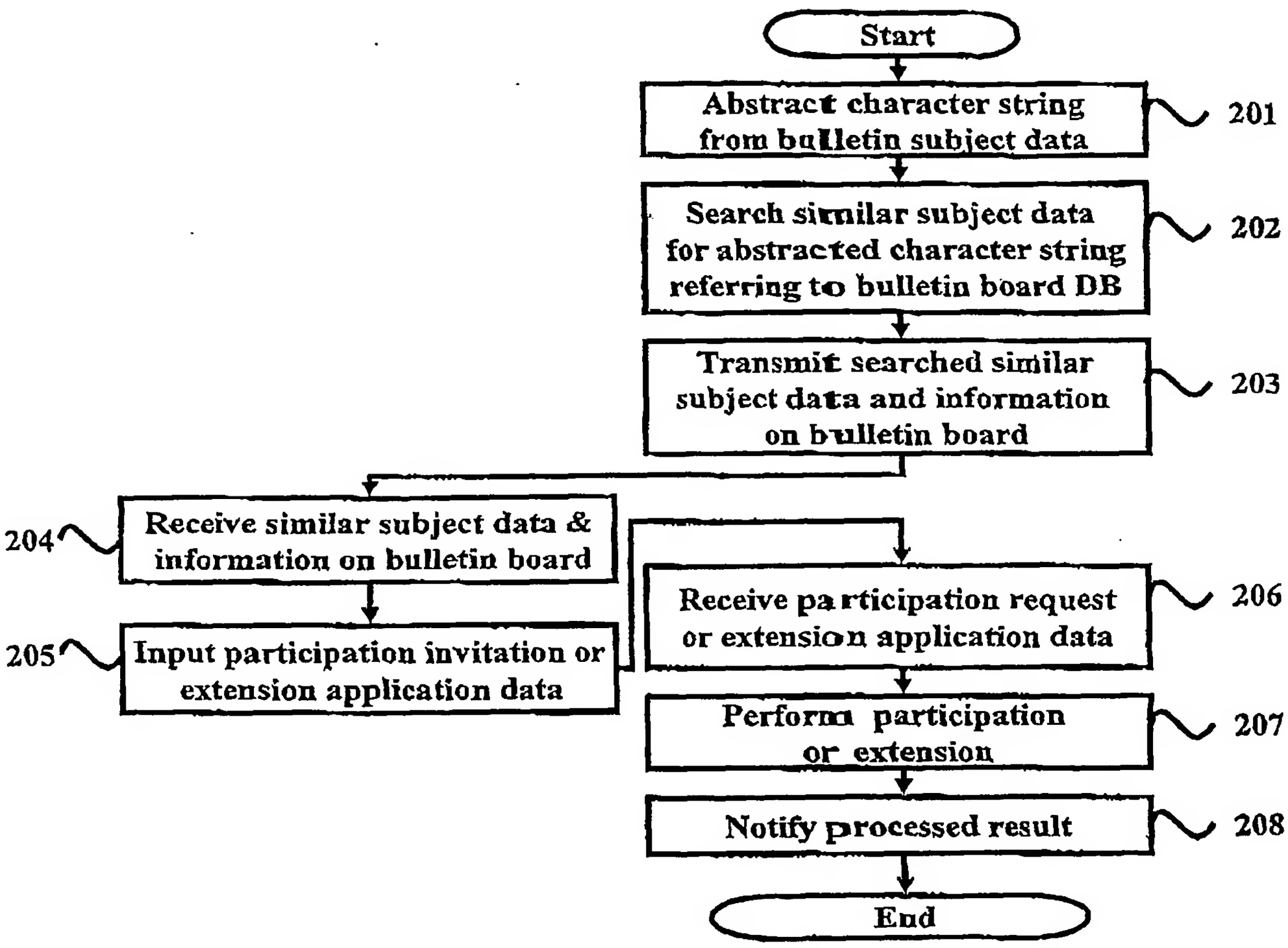

Bulletin board establisher
Bulletin board management system
Start
Abstract character string from bulletin subject data
201
Search similar subject data for abstracted character string referring to bulletin board DB
202
Transmit searched similar subject data and information on bulletin board
203
204
Receive similar subject data & information on bulletin board
205
Input participation invitation or extension application data
Receive participation request or extension application data
206
Perform participation or extension
207
Notify processed result
208
End

FIG. 2b

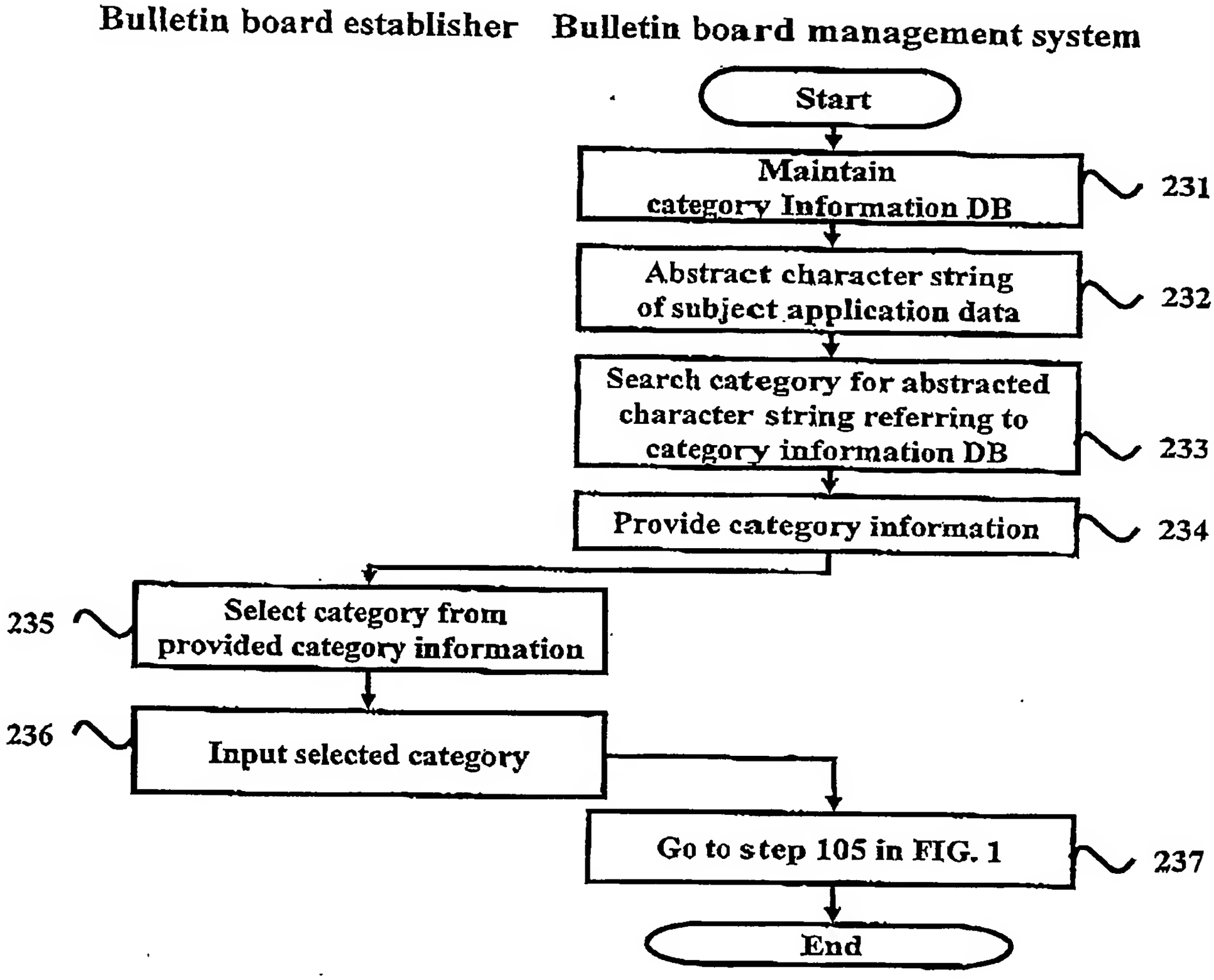
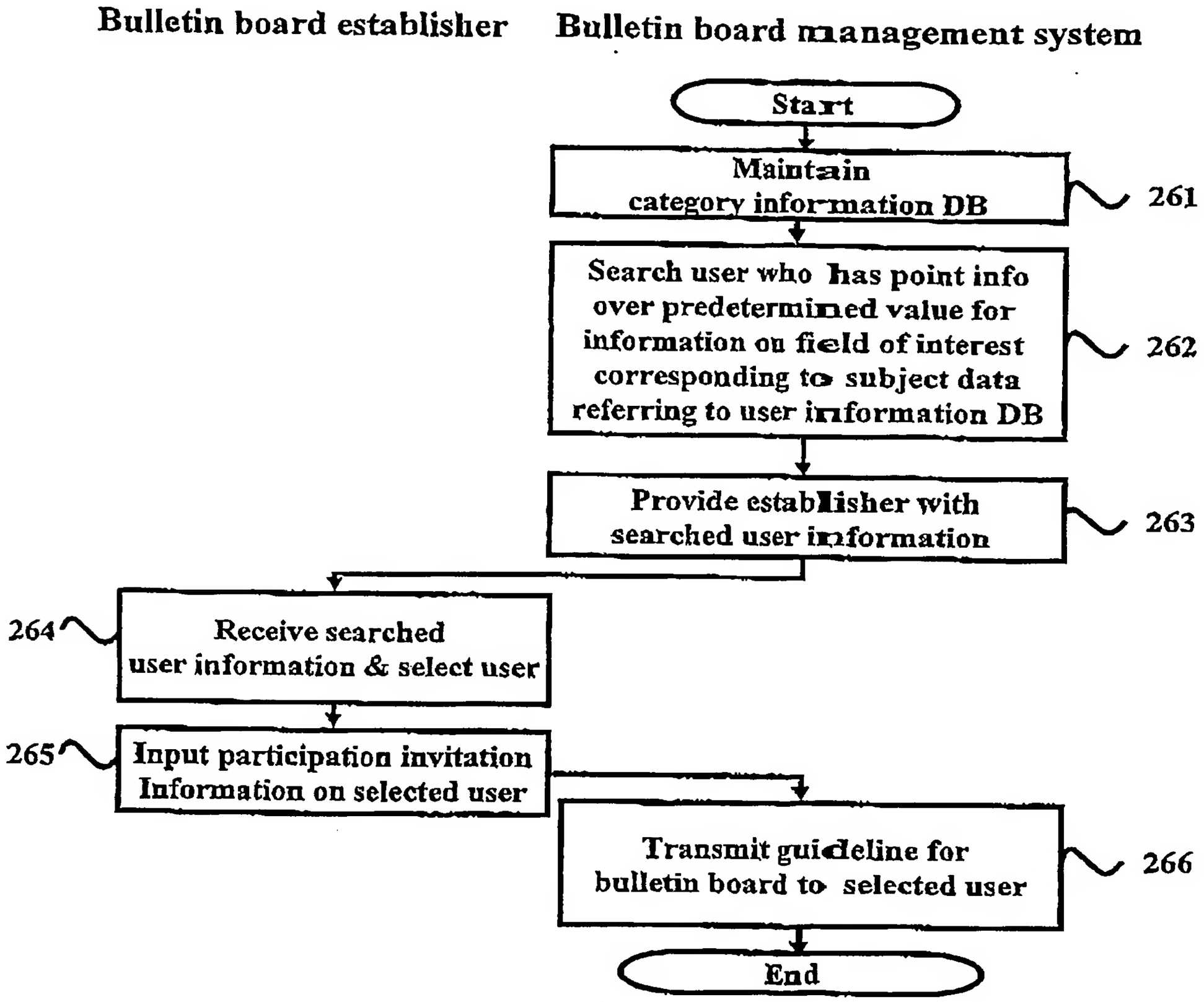

Bulletin board establisher
Bulletin board management system
Start
Maintain category Information DB
231
Abstract character string of subject application data
232
Search category for abstracted character string referring to category information DB
233
Provide category information
234
235
Select category from provided category information
236
Input selected category
Go to step 105 in FIG. 1
237
End

FIG. 2c


Bulletin board establisher
Bulletin board management system
Start
Maintain category information DB
261
Search user who has point info over predetermined value for information on field of interest corresponding to subject data referring to user information DB
262
Provide establisher with searched user information
263
264
Receive searched user information & select user
265
Input participation invitation Information on selected user
Transmit guideline for bulletin board to selected user
266
End

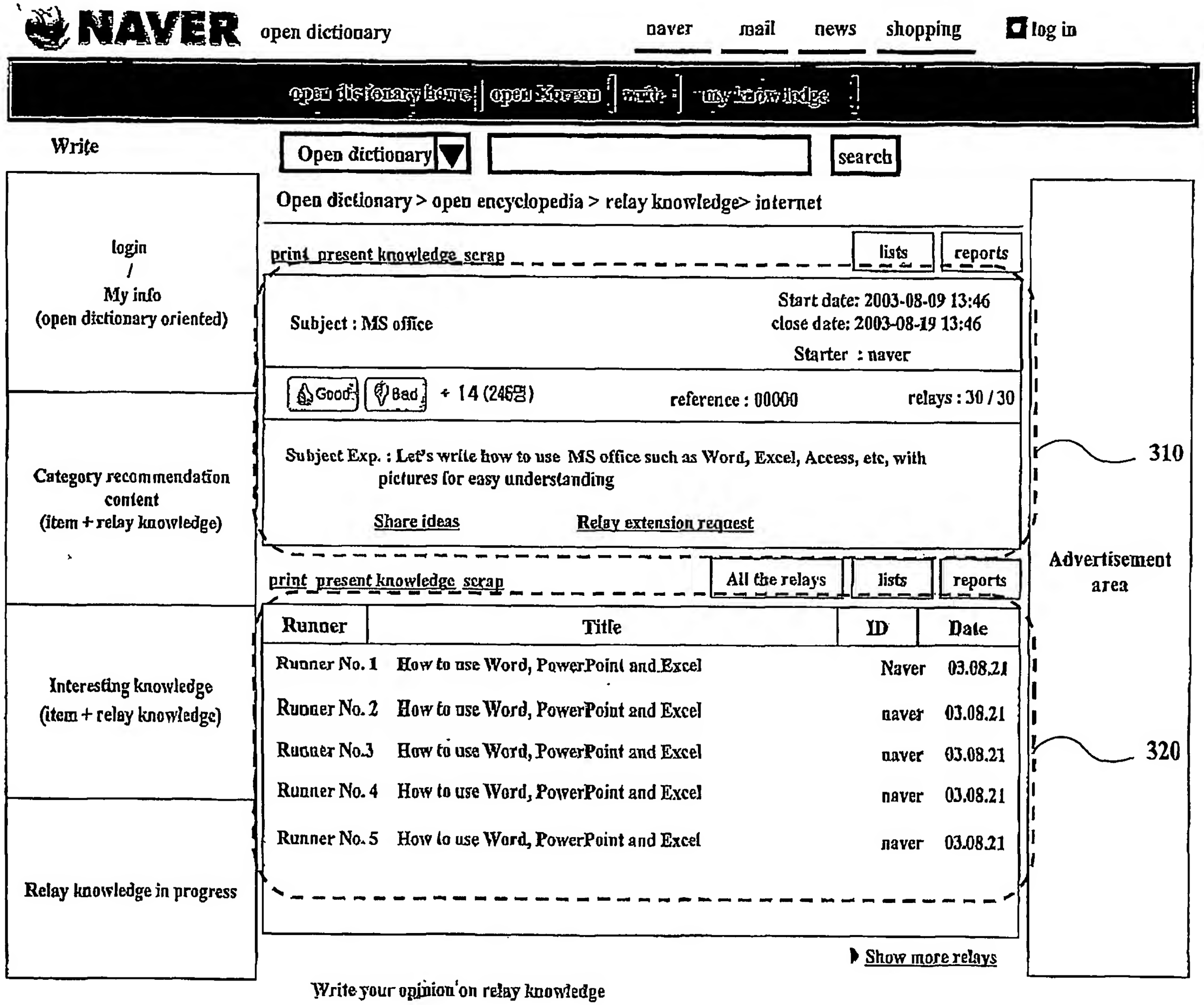


FIG. 3a

WO 2005/036412
PCT/KR2004/002657
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NAVER open dictionary

naver mail news shopping log in

open dictionary home | open Korean | write | knowledge

Write Open dictionary search

Open dictionary > open encyclopedia> relay knowledge>open relay knowledge

Open relay knowledge

Starter : naver (a user who has started relay knowledge should finish relay.)

* Subject of relay knowledge	Please write subject to bring it on. (Ex. "King of Sejong", "green tea")
* Subject explanation 330	Please introduce subject briefly for other users. How to introduce
* Subject category	My category :Choose your directory Computer, internet Social science Science History Culture Health Select right open encyclopedia category for subject. Category recommendation 360
* Number of relays 340	30 (maximum 100 relays)
* Period of relays 350	10 (maximum 3 months)

FIG. 3b

WO 2005/036412 PCT/KR2004/002657

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NAVER open dictionary

naver mail news shopping log in

open dictionary home | open Korean | write | my knowledge

Write Open dictionary search

Open dictionary > open encyclopedia> relay knowledge >extension request for relay knowledge

Extension request for relay knowledge

Start date: 2003-08-09 13:46

Subject : MS office

Starter : naver

Subject exp.: Let's write how to use MS office such as Word, Excel, Access, etc, with pictures for easy understanding

Requester : naver

* Extension reason	Please introduce subject briefly for other users. How to introduce
* Relay extension	+30 (maximum 100 relays)

cancel finish

FIG. 3c

7/16

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FIG. 4

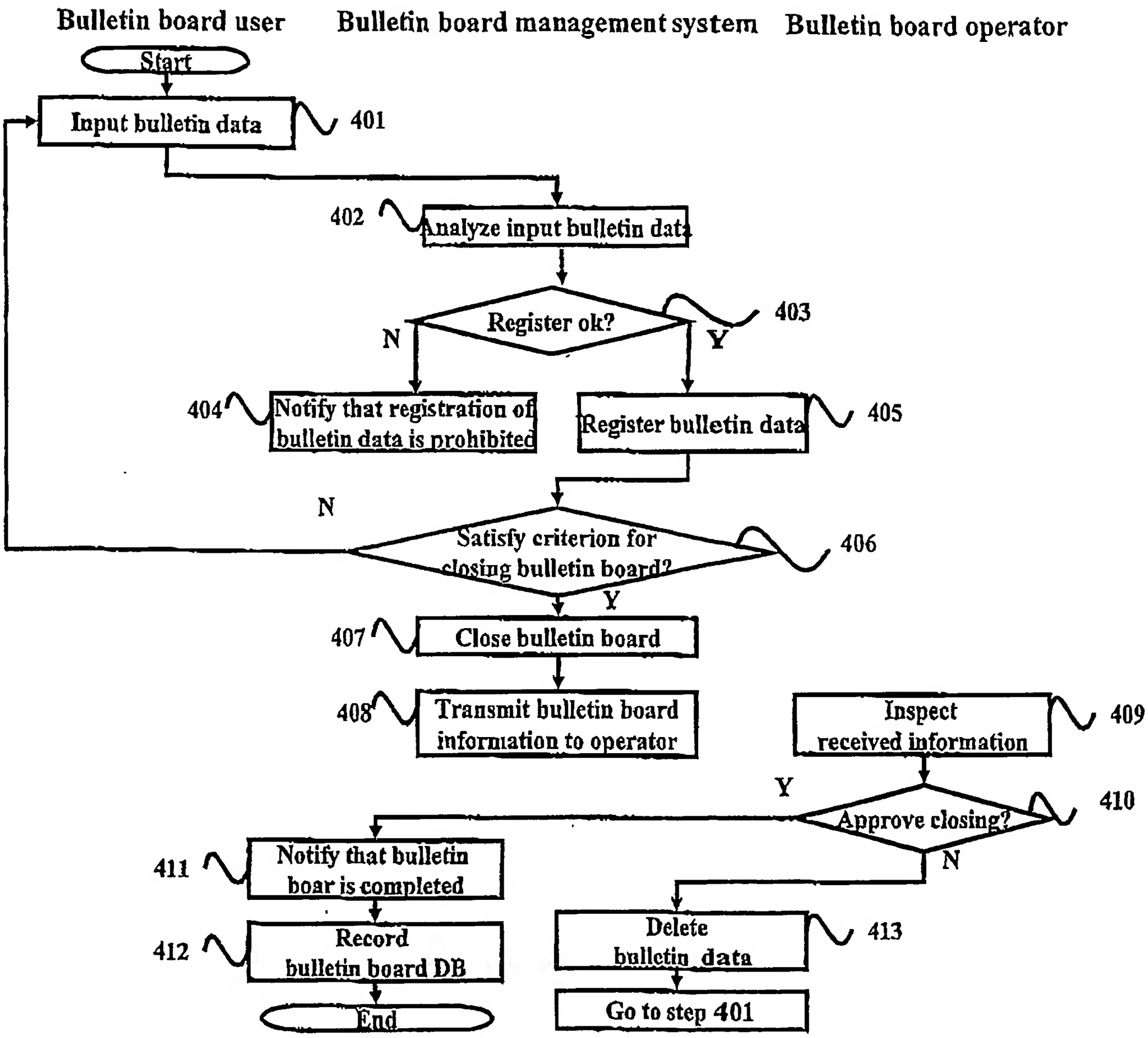
Bulletin board user
Bulletin board management system
Bulletin board operator
Start
Input bulletin data
401
402
Analyze input bulletin data
Register ok?
403
N
Y
404
Notify that registration of bulletin data is prohibited
Register bulletin data
405
N
Satisfy criterion for closing bulletin board?
406
Y
407
Close bulletin board
408
Transmit bulletin board information to operator
Inspect received information
409
Y
Approve closing?
410
N
411
Notify that bulletin boar is completed
412
Record bulletin board DB
End
Delete bulletin data
413
Go to step 401

FIG. 5a

Bulletin board management system

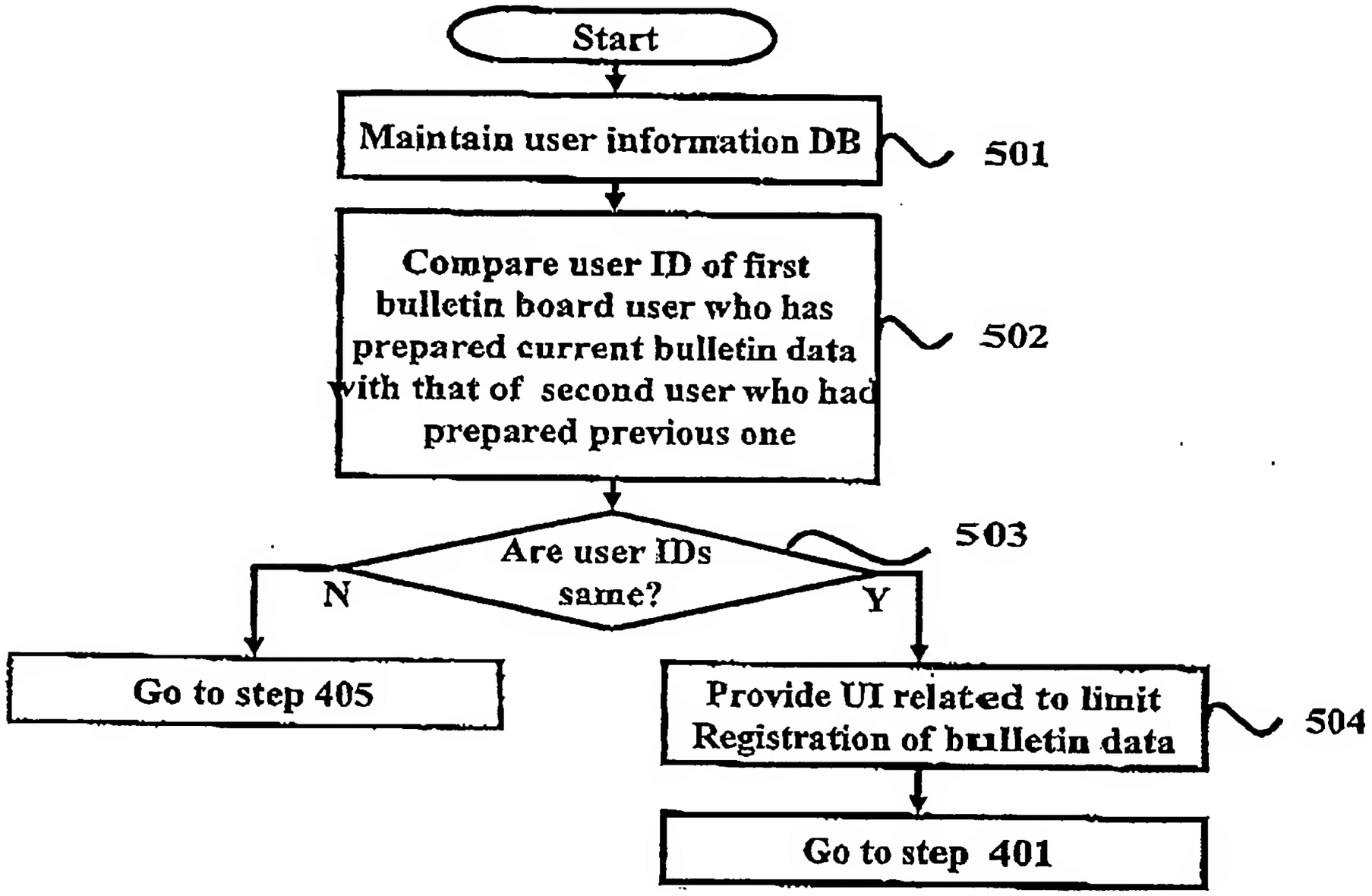

FIG. 5b

Bulletin board management system

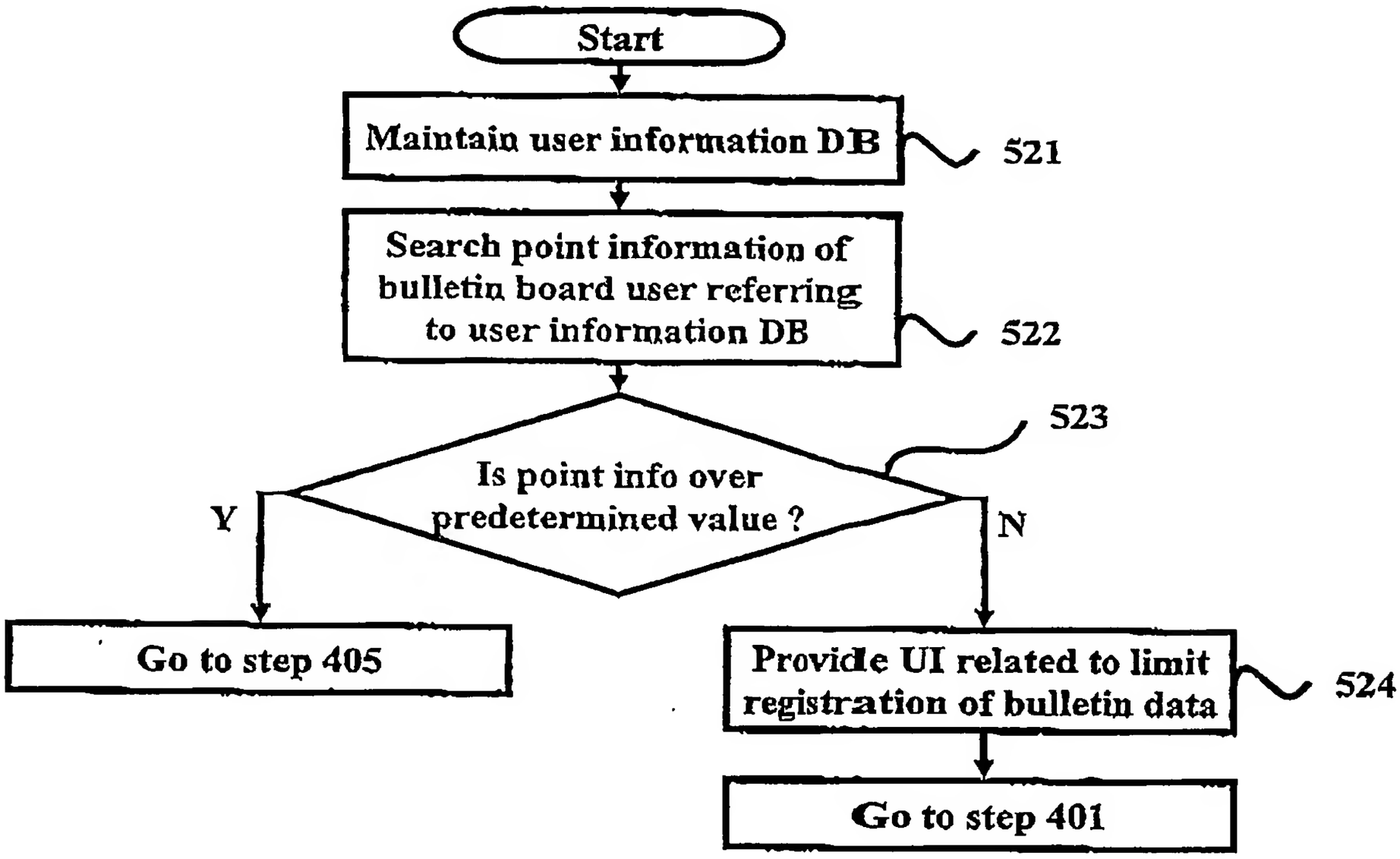

FIG. 5c

Bulletin board management system

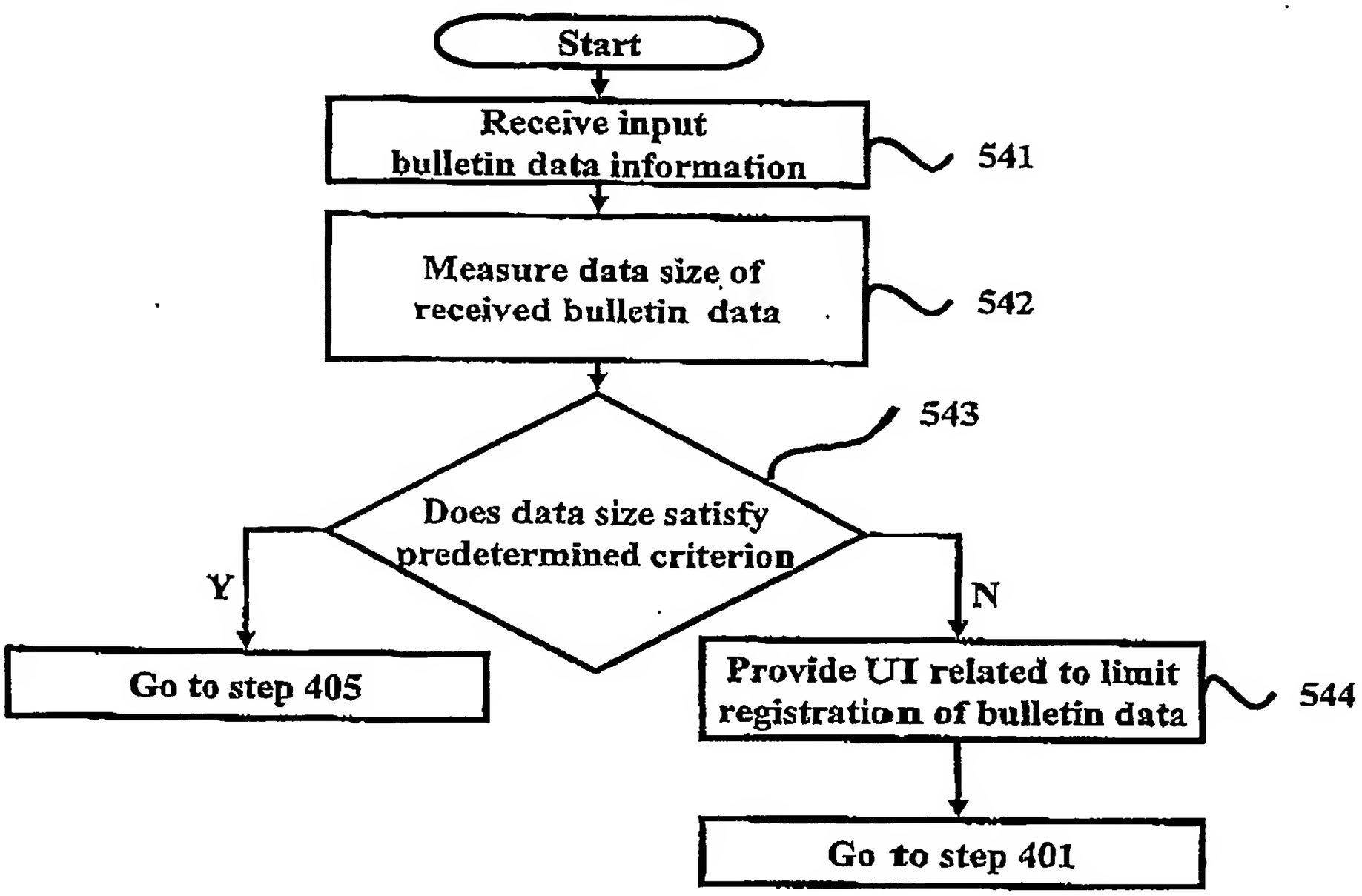

FIG. 5d

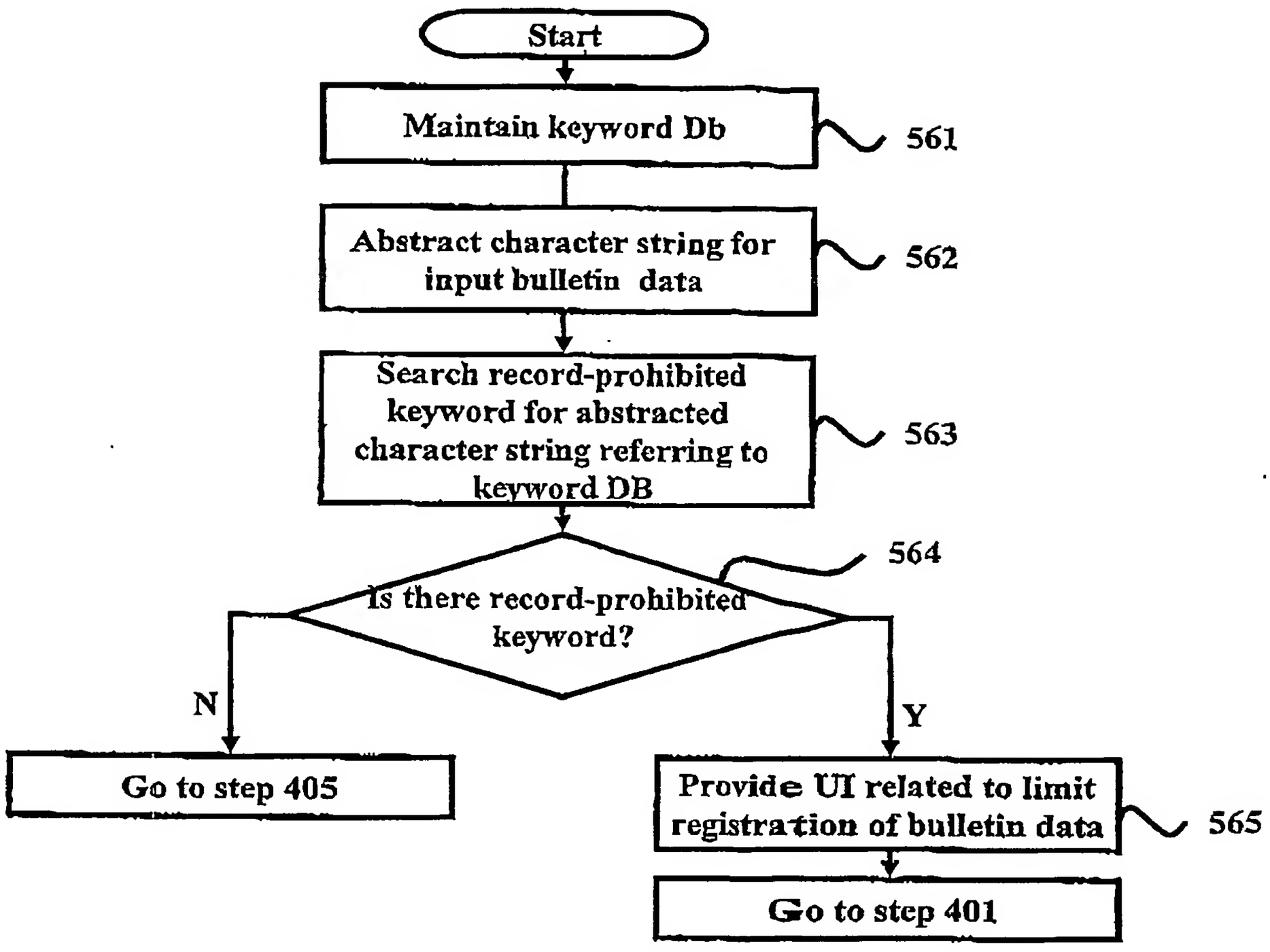
Bulletin board management system
Start
Maintain keyword Db
561
Abstract character string for input bulletin data
562
Search record-prohibited keyword for abstracted character string referring to keyword DB
563
Is there record-prohibited keyword?
564
N
Y
Go to step 405
Provide UI related to limit registration of bulletin data
565
Go to step 401

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FIG. 6a

NAVER open dictionary

naver mail news shopping log in

open dictionary home | open Korean | write | my knowledge

Write

Open dictionary | search

Open dictionary™ > open encyclopedia> relay knowledge> write relay knowledge

Write relay knowledge

Subject : MS office

open date : 2003-08-09 13:46

establisher : naver

Subject exp.: Let's write how to use MS office such as Word, Excel, Access, etc, with pictures for easy understanding

share ideas previous relay writings

Writer: naver

* Relay title	Relay subject more detail, the better.
* Relay content	
* Source	
Notice mail	Send a mail whenever there is a new relay. (naver@naver.com)

cancel finish

NAVER open dictionary

naver mail news shopping log in

open dictionary home | open Korean | write | my knowledge

Write

Open dictionary ▼ search

Login / My info (open dictionary oriented)

Category recommendation content (item+ relay knowledge)

Interesting knowledge (item + relay knowledge)

Relay knowledge in progress

Open dictionary > open encyclopedia > relay knowledge > relay in progress

MS office : How to use Word, PowerPoint, Excel
MS Word, MS PowerPoint, Excel, Access .. MS Word, MS PowerPoint, Excel, Access...

[Relay knowledge in progress] (1- 20 / 00000item) Show by category

State	Subject	Subject exp.	Relay	Starter	Start D
	[internet] MS office◆ :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21
	[internet] MS office :	use of Word, PowerPoint, Excel	20/35relay	naver	03.08.21

610

Advertisement area

FIG. 6b

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FIG. 6c

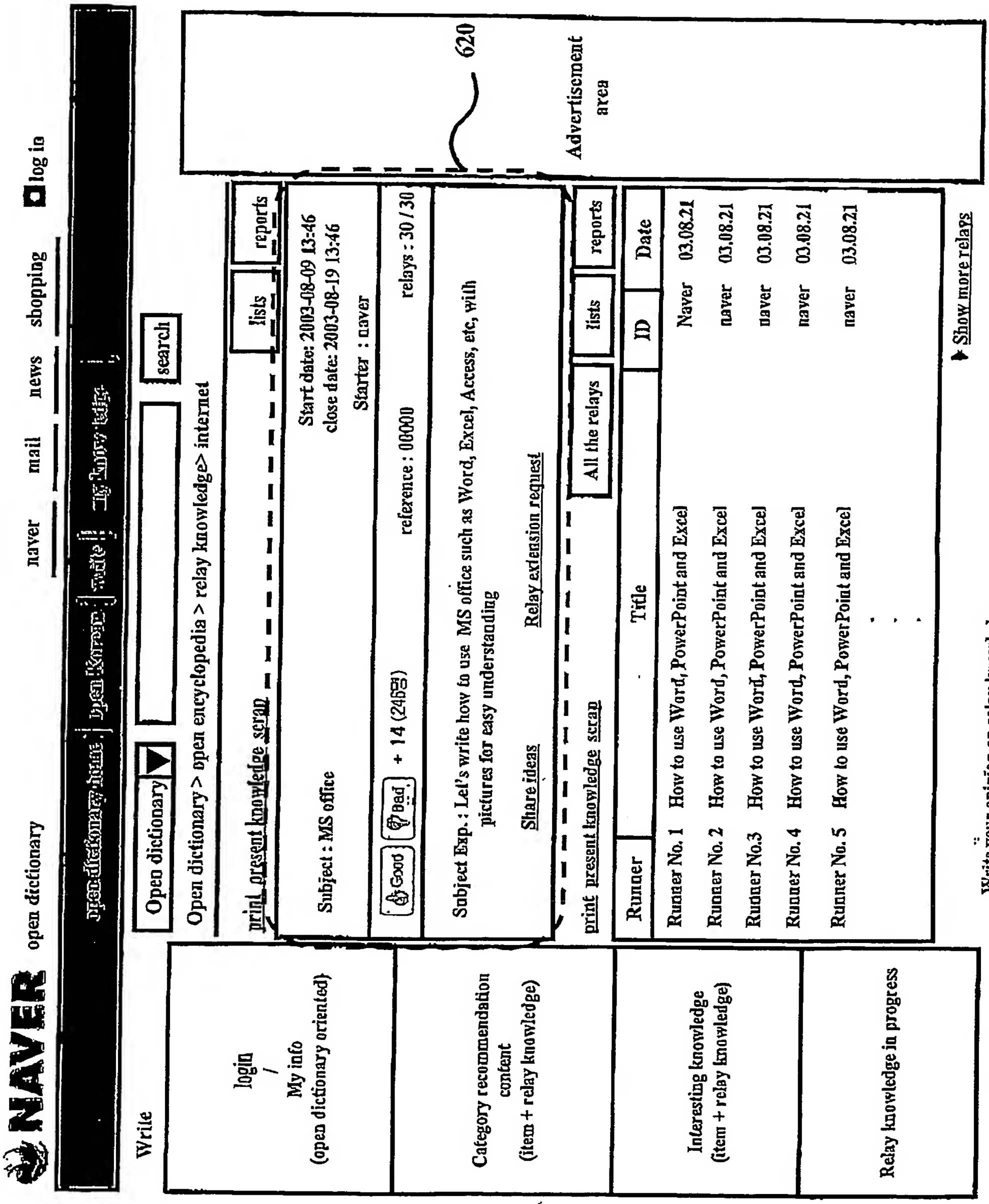
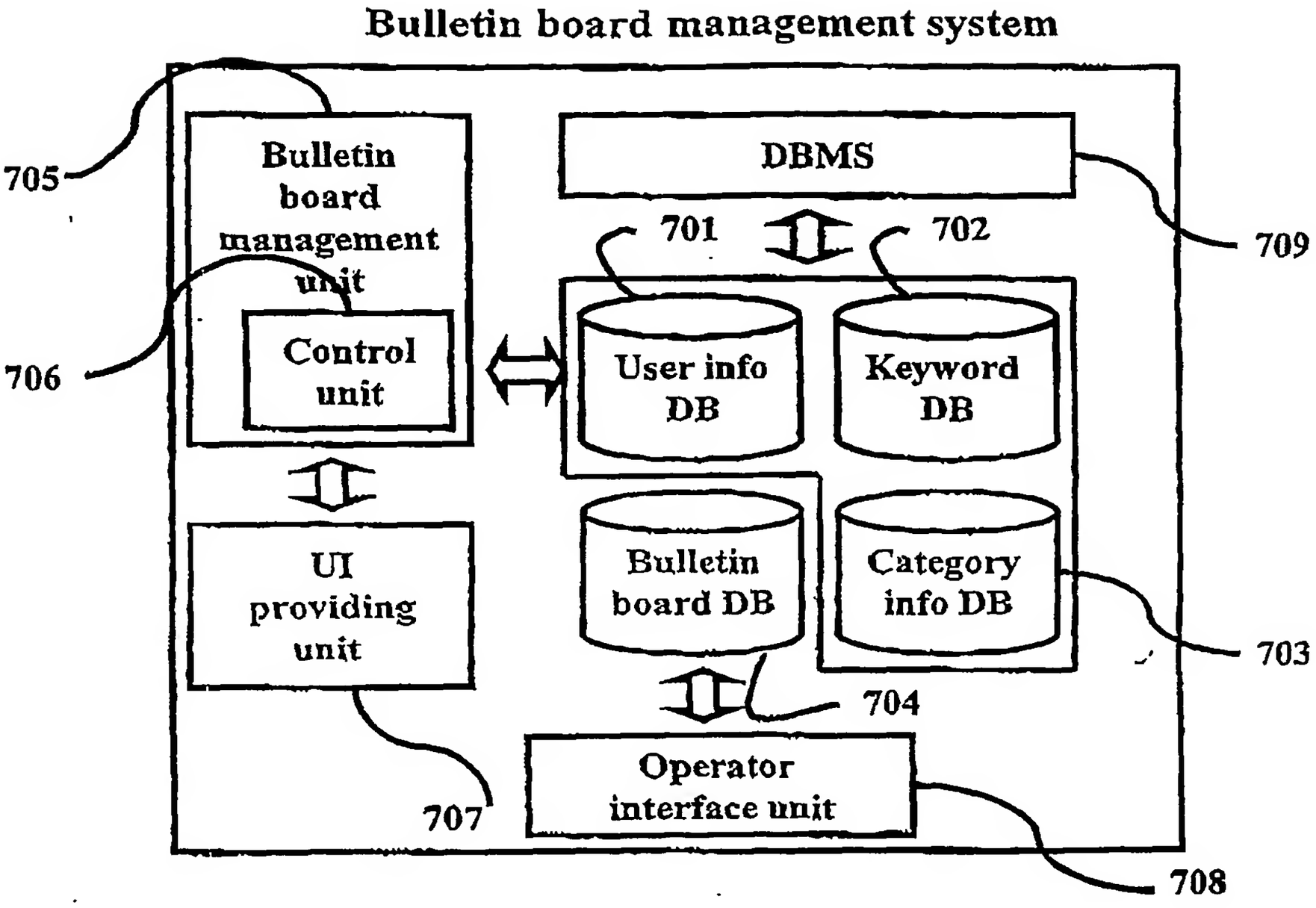

620
Advertisement area
log in
naver mail news shopping
search
Open dictionary
Open dictionary > open encyclopedia > relay knowledge> internet
print present knowledge scrap
lists
reports
Start date: 2003-08-09 13:46
close date: 2003-08-19 13:46
Starter : naver
Subject : MS office
reference : 00000
relays : 30 / 30
Good
Bad
+ 14 (2459)
Subject Exp. : Let's write how to use MS office such as Word, Excel, Access, etc, with pictures for easy understanding
Share ideas
Relay extension request
All the relays
Runner
Title
ID
Date
Runner No. 1 How to use Word, PowerPoint and Excel Naver 03.08.21
Runner No. 2 How to use Word, PowerPoint and Excel naver 03.08.21
Runner No.3 How to use Word, PowerPoint and Excel naver 03.08.21
Runner No. 4 How to use Word, PowerPoint and Excel naver 03.08.21
Runner No. 5 How to use Word, PowerPoint and Excel naver 03.08.21
Show more relays
Write your opinion on relay knowledge
NAVER open dictionary
open dictionary, nine
Write
Open dictionary
Open dictionary > open encyclopedia > relay knowledge> internet
print present knowledge scrap
login / My info (open dictionary oriented)
Category recommendation content (item + relay knowledge)
Interesting knowledge (item + relay knowledge)
Relay knowledge in progress

FIG. 7


Bulletin board management system
Bulletin board management unit
Control unit
UI providing unit
DBMS
User info DB
Keyword DB
Bulletin board DB
Category info DB
Operator interface unit
701
702
703
704
705
706
707
708
709